

Title (en)

Method and device for fermenting wet biomass

Title (de)

Verfahren und Vorrichtung zur Fermentierung nasser Biomasse

Title (fr)

Procédé et dispositif pour la fermentation d'une biomasse humide

Publication

EP 2210934 A1 20100728 (EN)

Application

EP 10151468 A 20100122

Priority

NL 1036447 A 20090122

Abstract (en)

The invention relates to a method for fermenting wet biomass, wherein use is made of a device (1) according to the invention, comprising: - a tank (2) provided with an inlet (3) for admitting material for fermenting and provided with an outlet (4) for discharging fermented material; - a discharge (5) in gas throughflow connection with the tank for discharging produced biogas; and - stirring means (6) for stirring and mixing material present in the tank, wherein material present in the tank is stirred in a manner such that the mixing is incomplete and multiple zones (2a,2b,2c) form in the tank with dry matter contents differing from each other.

IPC 8 full level

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Citation (search report)

- [X] DE 102005041798 A1 20070308 - AGRAFERM TECHNOLOGIES AG [DE]
- [X] DE 102006024081 A1 20071129 - EGGERS PETER [DE]
- [X] FR 2807444 A1 20011012 - BEAUZAMY JACQUES PIERRE [FR]
- [A] US 4735724 A 19880405 - CHYNOWETH DAVID P [US], et al
- [A] WO 8102308 A1 19810820 - SORIGONA AB [SE], et al

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